

MEDIUM DUTY COMPETITIVE COMPARISON

Isuzu Trucks go head-to-head with the competition:



NPR HD Advantages Over Dodge RAM 4500



Ram 4500:

- Ram 4500 competes against NPR-HD
- 2 wheelbase choices with regular cab
- 10,200 lb. GVWR on single rear wheels, 14,500 lb. GVWR with dual rear wheels
- 5.7L V8 gas standard, Cummins 6.7L I6 diesel optional
- Regular cab or Quad Cab choices
- Available 4WD with manual or electric controls
- 6-speed manual standard; optional 5-speed automatic with gas engine and 6-speed automatic with diesel
- Ram 4500 uses conventional pickup cab shared with light duty models
- No tilt cab -- difficult engine accessibility



NPR Advantages:

- Maximum effective CA of 147 in vs. 84 in. CA for Ram 4500. N-Series can accommodate bodies to 20 ft. in length vs a maximum 16 ft. on Ram 4500
- Much greater driver visibility out larger windows and with much shorter front sight lines for ease of maneuverability
- Higher payload capacity for same GVWR due to lighter weight
- Higher front-axle capacity (6830 lb. vs. 5200 lb.) stands up to rugged commercial use
- Higher front GAWR (4700 lb. vs. 3900 lb. for gas engine NPR helps meet commercial needs
- 16-inch truck tires are less expensive to replace and more readily available than 17-inch LT tires on Dodge
- Tilt cab allows easy maintenance and servicing (limited engine access on Ram 4500)
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle ratio (33.5 ft./109.0 in. WB vs. 44.9 ft./143.8 in. WB) improves maneuverability
- Reverse Elliot I-Beam front axle is strong and helps lower vehicle height with dropped center section vs. Dodge with straight tubular axle and coil springs
- Wider door opening for easy entry and exit (85 degree vs. 70 degree)
- Durable tricote breathable woven seat material is comfortable and long lasting (solid vinyl is standard on Ram 4500)
- Standard tilt and telescopic steering column contributes to driver comfort (tilt-only steering wheel on Ram 4500)
- Grab handle to assist entry and exit contributes to safety on the job (not available on Ram)
- Longer scheduled maintenance intervals helps reduce downtime and service costs (every 10,000 mi. vs. every 6,000 mi.)
- Wide, self-cleaning step on NPR vs. no steps on Dodge

SPECIFICATIONS		
	Isuzu NPR-HD	Dodge Ram 4500
GVWR	14,500 lb.	16,500 lb.
Engine type (gas)	SOHC I-4 (OHV V8)	I-6 Cummins
Displacement (gas)	5.2L (6.0L)	6.7L
HP, gas	325 @ 5000	NA
Torque, gas	360 @ 4400	NA
HP, diesel (MT)	175 @ 2400	305 @ 3000
HP, diesel (AT)	205 @ 2400	305 @ 3000
Torque, diesel (MT)	387 @ 1850	610 @ 1600
Torque, diesel (AT)	441 @ 1850	610 @ 1600
Clutch, in.	12.8	12.5 in.
Transmission, gas	4ODA GM	6ODM
Transmission, diesel	6ODA Aisin	6ODA
Alternator, amp (gas)	110 (145)	136
Steering	18.8-20.9:1 power	12.5:1 power
Front axle, lb.	6,830	7,000 tube beam
Front springs, lb.	8,440 taperleaf	3,900 coil
Rear axle, lb. (gas)	14,550 (11,020)	12,000
Rear springs, lb.	9,880 multileaf	8,350 multileaf
Wheels (gas)	16 x 6 (19.5 x 6) in. 6-bolt	19.5 x 6 in. 8-bolt
Tires (gas)	215/85R-16E (225/70R19.5F)	225/70R-19.5F
Brakes, front (gas)	11.5 (14.3) in. disc	15.35 in. disc
Brakes, rear (gas)	12.6 x 3.94 (4.72) in. drum	15.35 in. disc
Frame, psi	44,000	50,000
Frame width, in	33.5	34
Frame section modulus	7.20 cu. in.	NA
Frame RBM	316,800	NA
Battery, CCA (gas)	2x750 (1x750)	2x750 (1x750)
Fuel tank, gal.	30 in-frame	52 in-frame
Seating	Driver & 2 pass.	40/20/40
Mirrors, in.	8x17	7x10
WB/CA (effective)	109.0/80.0	144.5/60.2
	132.5/103.5	168.5/84.2
	150.0/121.0	192.5/108.2
	176.0/147.0	204.5/120.2
WB/Turning Diameter	109.0/33.5	144.5/40.1
(curb-to-curb, ft.)	132.5/40.7	168.5/45.7
	150.0/45.3	192.5/51.4
	176.0/51.9	204.5/54.2
WB/Body lengths	109.0/10,(gas) 12	144.5/8, 9
	132.5/14	168.5/10, 11, 12
	150.0/16, 18	192.5/14, 16
	176.0/20	204.5/16, 18
Notes:		

STANDARD EQUIPMENT		
	Isuzu NPR-HD	Dodge Ram 4500
Vehicle Health Reports	Standard	Not Available
Drop-design windows	Standard	Not Available
DEX-COOL	Standard (gas)	Equivalent
Exhaust brake	Standard (diesel)	Standard
Tilt/telescopic steering column	Standard	Standard Tilt
Tricot fabric	Standard	Optional Fabric
Tilt cab	Standard	Not Available
Folding center seat	Standard	Standard
Daytime running lamps	Standard	Optional
Cruise control	Standard	Optional
PTO prep.	Standard (diesel)	Standard
Air conditioning	Standard (gas)	Optional
Power windows	Standard	Optional
Power door locks	Standard	Optional
Floor mat	Standard	Standard
Tachometer	Standard	Standard
Convex mirrors	Standard	Standard
OPTIONAL EQUIPMENT		
	Isuzu NPR-HD	Dodge Ram 4500
Engine block heater	Optional (diesel)	Optional
Engine oil pan heater	Optional	
Limited slip differential	Optional	Optional
AM/FM/CD	Optional	Standard
Air deflector	Optional	
Spare wheel	Optional (Dealer Installed)	Optional
Side mounted fuel tank	Optional (diesel)	Optional
Engine protection system	Optional (diesel)	
Engine hour meter	Optional (diesel)	
Backup alarm	Optional	
Chrome wheel sim.	Optional	
Heated mirrors	Optional	
WARRANTY		
	Isuzu NPR-HD	Dodge Ram 4500
Base warranty, diesel	36 months/unlimited mileage	36 months/36,000 miles
Base warranty, gas	36 months/36,000 miles	36 months/36,000 miles
Engine warranty, diesel	36 months/unlimited mileage	60 months/100,000 miles
Engine warranty, gas	36 months/36,000 miles	36 months/36,000 miles

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